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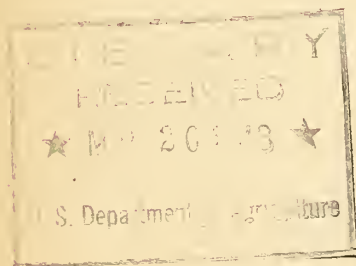
CONTINUATION STUDY

1
Ag854C

For Federal Employees

1
Ag854C
Spring Semester, 1942-43

Beginning February 1



UNITED STATES

U.S. DEPARTMENT OF AGRICULTURE

GRADUATE SCHOOL



COURSES OFFERED

This is merely a list of courses offered in the spring semester, beginning February 1, 1943. For complete details about the School and about the courses

Write for

BULLETIN OF INFORMATION AND COURSES

USE FORM ON PAGE 5

Please do not telephone

The Bulletin will give you complete information.

NOTE: Courses in *light-face type* are offered cooperatively by The American University.

MATHEMATICS AND STATISTICS

Review of Mathematics—Emil Schell. Tu. 6-9. \$18.

Trigonometry and Analytic Geometry—A. George Carlton. M. 6-8. \$12.

Calculus—Dr. E. J. Finan. W.-F. 6-7:30. \$18.

Statistical Mechanics and Kinetic Theory of Gases—Dr. Ferdinand G. Brickwedde. Tu. 8-10. \$14.

Linear Algebra—M. A. Girshick. M. 7-9. \$14.

Theory of Infinite Processes—Dr. C. Winston. W. 8-10. \$14.

Operation of Statistical Studies—Howard Brunsman, Dr. Phillip M. Hauser and Staff. W. 7-10. \$21.

Statistical Clinic—Morris H. Hansen, M. A. Girshick, and Staff. Tu. 8-10. \$14.

Survey of Statistics—Joseph Steinberg. Th. 6:30-9:30. \$18.

Graphic Methods for Presenting Statistical Data—R. G. Hainsworth. M. 6-9. \$12.

Elementary Statistics—Dr. Archie Blake. Th. 6-8. \$12.

Introduction to Statistical Analysis (1st half)—Dr. Benjamin J. Tepping. Th. 8-10. \$12.

Introduction to Statistical Analysis (2d half)—C. M. Purves and Sidney W. Wilcox. Th. 6-8. \$12.

Machine Tabulation—Milton Kaufman. W. 7-9. \$9.

Advanced Study of Tabulating Equipment—Milton Kaufman. F. 7-9. \$9.

Statistical Methods for Research Workers—Dr. William G. Madow and William Hurwitz. W. 8-10. \$14.

Selected Statistical Problems—Dr. John H. Smith. F. 6-8. \$14.

Interpretation of Statistical Calculations—Alexander Sturges. M. 6-8. \$14.

Statistical Analysis of Economic and Social Problems—Milton Friedman. Tu. 8-10. \$14.

Theory of Sampling—Jerome Cornfield and W. D. Evans. Th. 6-8. \$14.

Sampling in Social and Economic Surveys—J. Stevens Stock and Lester R. Frankel. Th. 6:15-9:15. \$21.

Labor Statistics—A Quantitative Approach to Labor Economics—Dr. Jacob Perlman. Th. 8:15-10:25. Audit \$24. Credit \$30.

Statistical Field Studies—Howard B. Myers. M. 8:15-9:30 and Tu. 6-8. Audit \$24. Credit \$30.

PHYSICAL SCIENCES

Navigation—John T. Lokerson. F. 6:30-9:30. \$18.

Piloting—Dr. Raymond Hann. F. 7:30-10:30.

General (Inorganic) Chemistry—Dr. L. A. Goldblatt. F. 6-8. \$12.

Advanced Organic Chemistry—C. Verne Bowen. Tu. 6-8. \$12.

- Physical Chemistry**—Dr. Walter J. Hamer. Tu. 6-8. \$12.
- Physiological Chemistry**—Dr. Herbert O. Calvery. W. 6-8. \$14.
- Electrochemistry**—Dr. Walter J. Hamer. F. 6-8. \$14.
- Advanced Physical Metallurgy**—Dr. Blake M. Loring. W. 8-10. \$14.
- Engineering Alloys**—Dr. Blake M. Loring. M. 8-10. \$14.
- Elementary Meteorology**—Garrett De Mott.
Section I—M. 6-8. Section II—W. 6-8. \$12.
- Physical and Synoptic Meteorology** (1st half)—Alexander Shands. M. 6-8. \$12.
- Physical and Synoptic Meteorology** (2d half)—Alexander Shands. Tu. 6-8. \$12.
- Comparative Meteorology and Oceanography**—Woodrow C. Jacobs and David I. Blumenstock. W. 6-8. \$12.
- Elementary Statistical Analysis for Meteorologists**—Herbert C. S. Thom. W. 6-8. \$14.
- Weather Analysis and Forecasting**—A. K. Showalter and C. H. Pierce.
Section I—Tu. 6-9 and Th. 6-7. \$21 plus \$3 laboratory fee.
Section II—Th. 6-7 and F. 6-9. \$21 plus \$3 laboratory fee.
- Dynamic Meteorology**—Dr. Martin A. Garstens. W.-F. 6-7:30. \$21.
- Introductory Physics**—Dr. Ralph B. Kenard. Tu.-F. 6:30-8:30. \$18.
- Soils: Their Morphology, Genesis, and Classification**—Dr. Charles E. Kellogg. Tu.-Th. 6-7:30. \$21.

ENGINEERING AND MECHANICAL ARTS

- Naval Architecture**—Charles L. Wright, Jr. Tu. 6-8. \$12.
- Ship Construction**—Charles L. Wright, Jr. Th. 6-8. \$12.
- Applied Aerodynamics**—W. E. Koneczny. M. 6-8. \$12.
- Airplane Stress Analysis**—W. E. Koneczny. Tu. 6-8. \$12.
- Aircraft Power Plants**—Elmer J. Briggs, Chairman. Tu. 6-8. \$12.
- Architectural Drawing**—George L. Edick. Tu.-Th. 6-8. \$20.
- Mechanical Drawing**—George L. Edick. Tu.-Th. 6-8. \$20.
- Pencil Sketching and Freehand Drawing**—Walter G. Cadmus, Jr. M.-W. 6-8. \$15.
- Effective Foremanship**—Samuel L. Holston. M 6-8. \$12.
- Glass Blowing**—Leland B. Clark. M-W 6-7:30. \$18.
- Textile Design and Fabric Development**—Stanley A. Sokoloff. M-W 8-9:30. \$18.
- Surveying**—E. J. Schlatter. Tu-Th 6-8. \$24.
- Aerial Photogrammetry**—Reynold E. Ask. M-W 6-8. \$18.

UTILITY ADMINISTRATION AND REGULATION

- Public Power**—Judson King, Dr. H. W. Blalock, and Dr. C. A. Duval. Tu 7:30-9:30. \$14.
- Water Power Engineering**—Kenneth W. Ross. M-W 6-7:30. \$21.
- Electric Utility Engineering**—J. M. Morgan and Dr. J. A. Jessel. Tu 7:30-9:30. \$14.

BIOLOGICAL SCIENCES

- Food, Nutrition, and Health**—Elizabeth Callison. Th 6-8. \$12.
- Systematic Botany**—Dr. S. F. Blake. M 6-8. \$12.
- History of Science**—Dr. Paul R. Heyl. W 6-8. \$12.
- Some Fundamentals of Landscape Design**—F. L. Mulford. F 6-8. \$12.
- Medical and Veterinary Entomology**—Dr. F. C. Bishopp. Tu 6-8. \$14.

SOCIAL SCIENCES

- The Anthropology of Global Warfare**—Dr. Earl H. Bell. M 6-8. \$12.
- Evolution of Ideas**—Dr. Mark Graubard. W 6-8. \$12.
- Principles of Economics**—Dr. F. L. Thomsen. Tu-Th 6-7:30. \$18.
- Economic Warfare**—Dr. Max J. Wasserman. Tu-Th 6-7:30. \$18.
- Farm Labor Problems**—Dr. William T. Ham. M-W 6-7:30. \$21.
- Labor and Social Legislation**—Dr. David Ziskind. M 8-10:30. \$21.
- Settlement of Labor Disputes**—Dr. David Ziskind. W 8-10:30. \$21.
- Comparative Agriculture**—Clayton E. Whipple. Tu-Th 6-7:30. \$21.
- Farm Management**—Dr. Sherman E. Johnson and Dr. Wylie D. Goodsell. M-W 6-7:30. \$21.
- Cotton Marketing**—Dr. John W. Wright. M-W 6-7:30. \$21.
- Principles of Agricultural Marketing**—Richard O. Been and Specialists. W 6-8. \$14.
- History of Economic Thought**—Dr. Max J. Wasserman. M-W 6-7:30. \$21.
- Economics of Imperfect Competition**—Dr. Michael T. Wermel. W 6:30-9:30. \$21.
- World Politics**—Dr. W. M. Gewehr. Tu 6-8. \$12.
- Recent American History**—Dr. W. M. Gewehr. Th 6-8. \$12.
- Problems of International Organization**—Dr. Albert Viton. Time to be announced.
- Latin America and the United States**—Philip Leonard Green. Th 8-10. \$14.
- La America Latina y los Estados Unidos**—Philip Leonard Green. M 8-10. \$14.
- Regional Social Structure of the Americas**—Dr. Charles P. Loomis. M 6-8. \$14.
- Money and Banking**—Dr. Amos E. Taylor. M 6-8:10. Audit \$24. Credit \$30.
- Basic Problems in Transportation and Communication**—Dr. Ludwig M. Homberger. W 8:15-10:25. Audit \$24. Credit \$30.
- Economic Geography and Transportation of Latin America**—Dr. Ludwig M. Homberger. M 8:15-10:25. Audit \$24. Credit \$30.
- International Economic Policies in Transition**—Dr. Adolph B. Drucker. M 8:15-10:25. Audit \$24. Credit \$30.
- The Struggle Against Inflation**—Dr. Fritz Karl Mann. Tu 6-8:10. Audit \$24. Credit \$30.
- Problems of the Post-War World**—Dr. George B. Galloway. M 8:15-10:25. Audit \$24. Credit \$30.
- Analysis of Methods of Economic Reasoning**—Dr. Karl Pribram. Tu 8:15-10:25. Audit \$24. Credit \$30.
- Agricultural Economics**—Dr. O. C. Stine. M 6-8:10. Audit \$24. Credit \$30.
- Economic Theory**—Dr. Howard S. Piquet. Th 8:15-10:25. Audit \$24. Credit \$30.
- Contemporary Economic Thought**—Dr. Howard S. Piquet. Th 6-8:10. Audit \$24. Credit \$30.
- International Population Problems**—Dr. Frank Lorimer. F 6-8:10. Audit \$24. Credit \$30.

LANGUAGE AIDS

- Composition and Rhetoric**—Dr. Susan E. Harman. Th 6-8. \$12.
- Descriptive English Grammar**—Dr. Susan E. Harman. M 6-8. \$12.
- Effective Speaking**—Hester Beall Provinsen. Tu 6-8. \$12.

Voice and Remedial Speech—Richard R. Hutcheson. Tu 6-8. \$15.

Creative Writing—DeWitt C. Wing. Th 6-8. \$12.

Editing—Dr. M. C. Merrill and Specialists. M-W 6-7:30. \$18.

Writing for Official Purposes—Arthur P. Chew. F 6-8. \$12.

Chinese—Dr. I-Mein Tsiang. Tu-Th 6-8. \$24.

Elementary Dutch—Henri A. Kuyper. Th 6-8. \$12.

Elementary French—Dr. Harry B. Humphrey. M-W 6-7:30. \$18.

Advanced French—Dr. Harry B. Humphrey. Tu-Th 6-7:30. \$18.

Elementary German—Dr. C. H. Leineweber. M 6-9. \$18.

Advanced German—Dr. C. H. Leineweber. W 6-9. \$18.

German Translation—Ira T. Braunstein. W 6-8. \$12.

Elementary Italian—Instructor to be announced. Tu 6-9. \$18.

Second Semester Portuguese—Dr. Raul d'Eca. Tu-Th 6-7:30. \$18.

Elementary Russian (First Semester)—George M. Saharov. Th 6-9. \$18.

Elementary Russian (Second Semester)—George M. Saharov. Section I—M 6-9. Section II—Tu 6-9. \$18.

Intermediate Russian—George M. Saharov. W 6-9. \$18.

First Semester Spanish
 Section I—Gustavo Duran. M 6-9. \$18.
 Section II—Dr. Manuel de J. Sainz. Tu 8-10. \$12.
 Section III—Dr. Marjorie C. Johnston. W 6-8. \$12.

Second Semester Spanish
 Section I—Olivia Russell. M 6-9. \$18.
 Section II—Dr. Manuel de J. Sainz. W 8-10. \$12.
 Section III—Ruberta M. Olds. W 6-8. \$12.

Third Semester Spanish—Dr. Madaline W. Nichols. F 6-8. \$12.

Fourth Semester Spanish—Ruberta M. Olds. Th 6-9. \$18.

Spanish Conversation and Literature—Edmundo Lassalle. Th 6-8. \$12.

PUBLIC ADMINISTRATION

Introduction to Public Administration—Instructor to be announced. W-F 6-7:30. \$18.

Scientific Management—Francis Goodell. Time to be announced.

Organizational and Procedural Analysis—Comdr. Joseph Pois. Time to be announced.

Personnel Administration (undergraduate)—Edward N. Tisdale. M 6-8. \$12.

Personnel Administration (graduate)—Louis J. Kroeger. M 6-8. \$14.

Position Classification (undergraduate)—Robert L. Hill. F 6-8. \$12.

Advanced Position Classification—James L. Buckley. M 6-8. \$14.

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War-Time Training Problems—C. O. Henderson and Dr. Lewis H. Rohrbaugh. F 6-8. \$14.

Selection and Placement—Arthur B. McLean. Tu 6:30-9:30. \$21.

Employee Relations—Dr. Ward Stewart. M 6:30-8:30. \$14.

Budgetary and Financial Administration: Budget Execution—W. A. Jump and Specialists. Th 6-8. \$14.

Governmental Purchasing—Samuel A. Snyder. F 6-8. \$14.

Principles of Accounting (1st half)—William H. Rowe and Albert N. Greenfield. M-W 6-7. Laboratory M 7-9. \$18.

Principles of Accounting (2d half)—John F. McShea, W. E. Campbell and William K. Brownold. Tu-Th 6-7. Laboratory Tu 7-9. \$18.

Second Year Accounting—Dr. Allan J. Fisher. F 6-9. \$18.

Federal Government Accounting—W. R. Quigley. W 6-9. \$18.

Auditing—John J. Bachmann. Tu 6-9. \$21.

Principles of Managerial Accounting—B. E. Goetz. Th 6-8:10. Audit \$24. Credit \$30.

The Accounting System of the United States Government—E. F. Bartelt. Tu 8:15-10:25. Audit \$24. Credit \$30.

OFFICE SKILLS

Office Management—Daniel M. Braum. F 6-8. \$12.

Federal Auditing Procedure—Carey G. Cruikshank and Fred J. Kytile. W 6-8. \$12.

Auditing Procedure—Carey G. Cruikshank. M 6-8. \$12.

Federal Accounting Procedure—William D. Patrick and Lester Frank.
Section I—Tu 6-8. Section II—F 6-8. \$12.

Personnel Procedure—Verna C. Mohagen. F 6-8. \$12.

Communications and Records Management—L. E. Donaldson, William Muller and Charles T. Smith. Tu-F 6-7:30. \$12.

Practical English Usage—Helen Williams. Tu 6-8. \$12.

Vocabulary Building—Sallie M. Pease. Th 6-8. \$12.

Government Letter Writing—Verne L. Samson. Tu 6-8. \$12.

Workshop in Letter and Report Writing—Dr. George L. White. M 6-8. \$12.

Secretarial Practices—Lowell Hattery. Tu 6-8. \$12.

Advanced Secretarial Practices—Alice Coffman. W 6-8. \$12.

Beginning Gregg (Functional)—Dr. Marion M. Lamb.
Section I—M-Tu-Th 6-7. \$18.
Section II—M-Tu-Th 7-8. \$18.

Intermediate Gregg (Functional)—Instructor to be announced.
Section I—M-Tu-Th 6-7. \$18.
Section II—M-Tu-Th 7-8. \$18.

Gregg, 70 to 100 Words—Alice Coffman. Tu-Th 6-7. \$12.

Gregg, 100 to 130 Words—Clara E. Richter. M-W 6-7. \$12.

Pitman, 70 to 100 Words—Louise C. Barry. Tu 6-8. \$12.

Pitman, 100 to 130 Words—Louise C. Barry. F 6-8. \$12.

Reporting, 130 to 150 Words—Clara E. Richter. M-W 7-8. \$12.

Advanced Reporting, 150 Words and Up—Clara E. Richter. M-W 7-8:30. \$12.

Advanced Shorthand in Spanish—Grace M. Bauer. Tu 6:30-8:30. \$12.

SPECIAL COURSES

The Classics (St. John's College Program)—Tu 8-10. \$15.

Extension Thesis—Meredith C. Wilson. Hours to be arranged. \$3.

Interior Decoration—Harriet Garrels. W 6-7. \$6.

Mexican Culture—Edmundo Lassalle. W 6-8. \$12.

Personal Development—Hester Beall Provinsen. W 6-8. \$12.